

04-12-01

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USPTO  
10/11/00

# UTILITY PATENT APPLICATION TRANSMITTAL

## (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.

JMYT-224US1

Total Pages in this Submission

33

TO THE ASSISTANT COMMISSIONER FOR PATENTSBox Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**CATALYTIC GENERATION OF HYDROGEN**

and invented by:

Ian William Carpenter  
John William Hayes1033 U.S. PTO  
09/1822378

04/11/01

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: 09/646,497

Which is a:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

 Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1.  Filing fee as calculated and transmitted as described below
2.  Specification having 15 pages and including the following:
  - a.  Descriptive Title of the Invention
  - b.  Cross References to Related Applications (*if applicable*)
  - c.  Statement Regarding Federally-sponsored Research/Development (*if applicable*)
  - d.  Reference to Microfiche Appendix (*if applicable*)
  - e.  Background of the Invention
  - f.  Brief Summary of the Invention
  - g.  Brief Description of the Drawings (*if drawings filed*)
  - h.  Detailed Description
  - i.  Claim(s) as Classified Below
  - j.  Abstract of the Disclosure

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**Application Elements (Continued)**

3.  Drawing(s) *(when necessary as prescribed by 35 USC 113)*  
a.  Formal Number of Sheets \_\_\_\_\_  
b.  Informal Number of Sheets \_\_\_\_\_

4.  Oath or Declaration  
a.  Newly executed *(original or copy)*  Unexecuted  
b.  Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*  
c.  With Power of Attorney  Without Power of Attorney  
d.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5.  Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied  
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.

6.  Computer Program in Microfiche *(Appendix)*

7.  Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*  
a.  Paper Copy  
b.  Computer Readable Copy *(identical to computer copy)*  
c.  Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8.  Assignment Papers *(cover sheet & document(s))*

9.  37 CFR 3.73(B) Statement *(when there is an assignee)*

10.  English Translation Document *(if applicable)*

11.  Information Disclosure Statement/PTO-1449  Copies of IDS Citations

12.  Preliminary Amendment

13.  Acknowledgment postcard

14.  Certificate of Mailing

First Class  Express Mail *(Specify Label No.):* **EL751749256US**

**UTILITY PATENT APPLICATION TRANSMITTAL**  
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**Accompanying Application Parts (Continued)**

15.  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16.  Additional Enclosures *(please identify below):*

A copy of the Request for Extension of Time filed in the parent application.

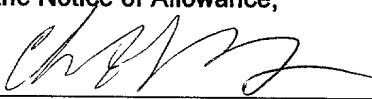
**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	22	- 20 =	2	x \$18.00	\$36.00
Indep. Claims	1	- 3 =	0	x \$80.00	\$0.00
Multiple Dependent Claims (check if applicable)	<input type="checkbox"/>				\$0.00
				<b>BASIC FEE</b>	<b>\$710.00</b>
OTHER FEE (specify purpose)					\$0.00
				<b>TOTAL FILING FEE</b>	<b>\$746.00</b>

A check in the amount of \$746.00 to cover the filing fee is enclosed.  
 The Commissioner is hereby authorized to charge and credit Deposit Account No. 18-0350 as described below. A duplicate copy of this sheet is enclosed.

Charge the amount of \_\_\_\_\_ as filing fee.  
 Credit any overpayment.  
 Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.  
 Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



Signature

Christopher R. Lewis, Reg. No. 36,201  
Attorney for Applicants

Dated: April 11, 2001

CC:

RATNER & PRESTIA  
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(610) 407-0700

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Ian William Carpenter et al.

Docket No.

JMYT-224US1

Serial No.  
To Be AssignedFiling Date  
Herewith

Examiner

Group Art Unit

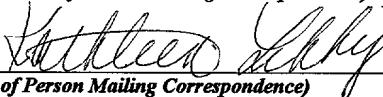
Invention: **CATALYTIC GENERATION OF HYDROGEN**

I hereby certify that the following correspondence:

**Utility Patent Application (Continuation) and accompanying documents listed on the Utility Patent Application Transmittal***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under

37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

April 11, 2001*(Date)***Kathleen Libby***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EL751749256US***("Express Mail" Mailing Label Number)*

Note: Each paper must have its own certificate of mailing.

J1033 U.S. PTO 09/832378  
04/11/01